

**AMENDMENTS TO THE SPECIFICATION**

Please replace [00010] with the following paragraph:

[00010] The object is achieved with the method according to ~~Claim 1 and the device according to Claim 10~~ embodiments of the invention. Advantageous designs of the method and device constitute the object of the dependent claims, or may be derived from the following description and the embodiments.

Please replace [00027] with the following paragraph:

[00027] Figure 1 shows, as an example, a sample consisting of the anisotropic layer 1 to be measured, which has been centrifuged onto a carrier substrate 2, in this example a quartz glass carrier. A 137.7 nm thick polymer layer, an azobenzene side chain polymer, is used as the exemplary layer 1. The refractive indices of layer 1 are determined in all three spatial directions (x, y, z) by the present method. For this purpose the sample is inserted in or between an immersion medium with at least a similar refractive index to carrier substrate 2. This can be achieved by means of solid body halves, e.g. hemispheres, semi-cylinders or prisms, combined with an immersion liquid. One example of this is shown in Figure 2. In an alternative design, the sample can also be inserted in a chamber, which is filled with an immersion liquid or is filled as illustrated in Figure 3.